

Substitute for form 1449A/PTO & 1449B/PTO		Complete if Known	
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/733,406
		Filing Date	December 12, 2003
		First Named Inventor	Young-sik Huh et al.
		Examiner Name	Unassigned
Sheet: 01 of 1	(use as many sheets as necessary)	Attorney Docket Number	030681-608

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
/AC/	5,313,219		Shakun et al.	05-17-1994
↓	4,941,038		Walowit	07-10-1990
↓	5,870,069		Choh et al.	02-09-1999
	2004/0013298	A1	Choe et al.	01-22-2004

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No
/AC/	1020010046716		Korea	06-15-2001	Abstract	
↓	1020020079348		Korea	10-19-2002	Abstract	
↓	1020030058909		Korea	07-07-2003	Abstract	
	1020030067485		Korea	08-14-2003	Abstract	

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature	/Antonio Caschera/	Date Considered	09/19/2007
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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SECOND
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Office Action	IPER	Abstract	Cited in Spec
/AC/	*2002-72992		Japan	03-12-2002				X		X	
/AC/	*1998-072858		Korea	11-05-1998				X			

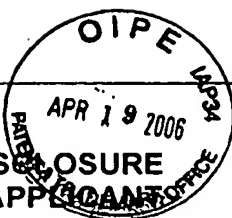
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/AC/	*Korean Office Action date September 13, 2005

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THIRD INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 10/733,406
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 Examiner Name Unassigned
 Attorney Docket Number 1030681-000608

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
/AC/	6,480,202	B1	Deguchi et al.	11-12-2002
/AC/	6,292,228	B1	Cho	09-18-2001

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
/AC/	* 0 907 283	A1	European	04-07-1999				X		X	
	* 0 891 077	A2	European	01-13-1999				X		X	
	* 0 700 218	A2	European	03-06-1996				X		X	
	* 0 863 677	A1	European	09-09-1998				X		X	
	* 1 251 482	A2	European	10-23-2002				X		X	
	* 1 178 680	A2	European	02-06-2002				X		X	
	* 2 369 515	A	Great Britain	05-29-2002				X		X	

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Examiner Signature /Antonio Caschera/ Date Considered 09/19/2007

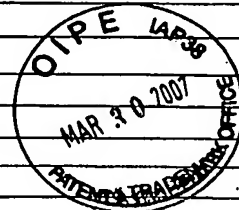

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Form Letters!

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Sheet 1 of 1

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Attorney Docket No.	1030681-000608

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IAC/	Official Action issued by the Japanese Patent Office on January 9, 2007 in corresponding JP Patent Application No. 2003-414017, and English-language translation
IAC/	Official Action issued by the Chinese Patent Office on March 24, 2006 in corresponding CN Patent Application No. 2003101249102, and English-language translation

Examiner Signature	/Antonio Caschera/	Date Considered	09/19/2007
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1449/PTO & 1449B/PTO

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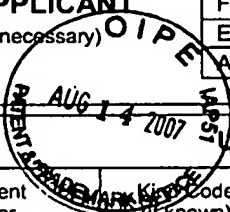
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Examiner Name	ANTONIO A. CASCHERA
Attorney Docket No.	1030681-000608



U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
/AC/	6,628,822	B1	NAKABAYASHI et al.	09-30-2003

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	Official Action	Abstract	Cited in Spec
/AC/	11-032228**	A	JP (Corr. to USP 6,628,822B1)	02-02-1999					X	X	

**Patent Family Search

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/AC/	Official Action issued by the Japanese Patent Office in corresponding Japanese Patent Application No. 2003-414017, May 15, 2007; and English translation thereof

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